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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 46872/319100

**CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED INTERNATIONAL FILING DATE 30 May 2003 (30.05.2003) PCT/US2003/016817 30 May 2003 (30.05.2003) TITLE OF INVENTION Systems And Methods For Dynamic And Risk-Aware Network Security APPLICANT(S) FOR DO/EO/US ZHENG, Yuliang, TEO, Lawrence Chin Shiun, and AHN, Gail-Joon Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) 冈 is attached hereto (required only if not communicated by the International Bureau). A has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US).  $\boxtimes$ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4).  $\boxtimes$ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12.  $\boxtimes$ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification.  $\boxtimes$ 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (liftmown, See 377CFR 12) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/US2003/016817 46872/319100 Other items or information: Statement Under 37 CFR 3.73(b) with attached Assignment; Express Mail Certificate (EV 463 361 531 US), & Return Postcard The following fees are submitted: **CALCULATIONS** PTO USE ONLY Basic national fee (37 CFR 1.492(a)).....\$300 21. 🔯 \$ 300 22. X Examination Fee (37 CFR 1.492(c))) If the written opinion prepared by ISA/US to the international preliminary examination report prepared \$ 200 By IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)......\$0 All other situations ..... 23. Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US to the international preliminary examination report prepared By IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an \$ 100 International Searching Authority ......\$100 International Search Report prepared by an ISA other than the US and provided in the Office or previously communicated to the US by the IB......\$400 All other situations ......\$500 TOTAL OF 21, 22 and 23 = \$ 600 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821 (c) or (e) computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) \$0 0/50 =-100 =x \$250 24 Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date \$ of commencement of the national stage (37 CFR 1.492(h)). NUMBER FILED NUMBER EXTRA RATE \$ **CLAIMS** 0 X \$50 \$0 Total claims 17 - 20 = 0 x \$200 \$0 Independent claims - 3 = MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ **TOTAL OF ABOVE CALCULATIONS =** \$600 ☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. \$300 SUBTOTAL = \$300 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(f)). **TOTAL NATIONAL FEE =** \$300 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$40 by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$340 Amount to be \$ refunded: Amount to be \$ charged:

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a. A check in the amount of \$ to cover the abo	ove fees is enclosed
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.	
c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment of Deposit Account No. 16-1435. A duplicate copy of this sheet is enclosed.	
d.   Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.	
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.37(a) or (b)) must be filed and granted to restore the International Application to pending status.	
SEND ALL CORRESPONDENCE TO:	
John C. Alemanni	SIGNATURE
Kilpatrick Stockton LLP	John C. Alemanni
1001 West Fourth Street	NAME
Winston-Salem, NC 27101	47,384
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### EXPRESS MAIL CERTIFICATE

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Type of Document(s)

Transmittal Letter to the U.S.

Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C.

371 (In Duplicate);

Executed Declaration For Utility Or Design

Patent Application (37 CFR 1.63);

Recordation Form Cover Sheet for Patents

Only;

Executed Assignment by Zheng, Teo & Ahn;

Power of Attorney & Correspondence

Address Indication Form;

Statement Under 37 CFR 3.73(b) with

Attached Assignment;

Form PTO-2038, Credit Card Payment

Form, in the amount of \$340.00; and

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Serial No.

Unassigned

Filing Date

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I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450.

Toyce E. Southern

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